

CLAIM AMENDMENTS

Please amend Claims 1-7, 10 and 11, as follows:

1. (Currently Amended) A magneto-optical recording/reproducing apparatus for reproducing ~~an~~ information by irradiating a magneto-optical recording medium with a light beam in a spot fashion to change a magnetized state in the spot, comprising:

means for detecting a light beam power by which a change in the magnetized state starts;

means for learning a reproducing light beam power; and

means for calculating and storing ~~the~~ either a difference or a ratio between ~~the magnetized-state-change-starting~~ a light beam power by which a change in the magnetized state starts and the reproducing light beam power obtained through the means for learning,

wherein when resetting the reproducing light beam power, the reproducing light beam is set by newly detecting ~~the magnetized-state-change-starting~~ light beam power by which a change in the magnetized state starts, and using the newly detected light beam power and the said stored difference or ratio.

2. (Currently Amended) The magneto-optical recording/reproducing apparatus according to Claim 1, wherein the learning means sets upper and lower limits of the reproducing light beam power on the basis of the detected ~~magnetized-state-change-starting~~ light beam power, performs learning within the range of the upper and lower limits, and detects an optimum reproducing light beam power.

3. (Currently Amended) The magneto-optical recording/reproducing apparatus according to Claim 1, further comprising means for monitoring a change in the detected ~~magnetized-state-change-starting~~ light beam power, wherein the reproducing light

beam power is reset when the monitoring means detects a change of a predetermined value ~~or more~~.

4. (Currently Amended) The magneto-optical recording/reproducing apparatus according to claim 1, further comprising means for detecting a temperature change, wherein the reproducing light beam power is reset when the temperature-change detecting means detects a temperature change of a predetermined value ~~or more~~.

5. (Currently Amended) The magneto-optical recording/reproducing apparatus according to Claim 1, wherein the resetting is performed ~~every a~~ at fixed ~~period~~ periods of time.

6. (Currently Amended) The magneto-optical recording/reproducing apparatus according to Claim 3, wherein the said difference or ratio is newly calculated when the change in the detected ~~magnetized-state-change-starting~~ light beam power exceeds a second predetermined value so set as to be more than the former predetermined value.

7. (Currently Amended) The magneto-optical recording/reproducing apparatus according to Claim 4, wherein the said difference or ratio is newly calculated when the temperature change exceeds a second predetermined value so set as to be more than the former predetermined value.

8. (Original) The magneto-optical recording/reproducing apparatus according to claim 1, wherein the magneto-optical recording medium is a domain wall moving magneto-optical recording medium.

9. (Original) The magneto-optical recording/reproducing apparatus according to claim 1, wherein the magneto-optical recording medium is an MSR magneto-optical recording medium.

10. (Currently Amended) A magneto-optical recording/reproducing apparatus for reproducing ~~an~~ information by irradiating a magneto-optical recording medium with a light beam in a spot fashion to change a magnetized state in the spot and recording an information while irradiating the medium with a light beam, comprising:

means for learning a recording light beam power; and

means for calculating and storing ~~the~~ either a difference or a ratio between a detected light beam power for starting a change in the magnetized state and the recording light beam power obtained through the means for learning,

wherein when resetting the recording light beam power, the recording light beam is set by newly detecting the ~~magnetized-state-change-starting~~ light beam power for starting a change in the magnetized state, and using the newly detected light beam power and the said stored difference or ratio.

11. (Currently Amended) A magneto-optical recording/reproducing apparatus for reproducing ~~an~~ information by irradiating a magneto-optical recording medium with a light beam in a spot fashion to change a magnetized state in the spot and recording an information while irradiating the medium with a light beam, comprising:

means for detecting a light beam power by which a change in the magnetized state starts;

means for detecting a difference between a value of the ~~magnetized-state-change-starting~~ detected light beam power ~~thus detected by which a~~ change in the magnetized state starts and a value of the ~~magnetized-state-change-starting~~ detected light beam power previously detected; and

means for resetting the reproducing power or recording power,
wherein the resetting means resets the reproducing power or
recording power when the means for detecting the difference detects a change of a
predetermined value ~~or more~~.